

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B41C1/10 B41N1/00

Rec'd PCT/PTO 13 JAN 2005

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B41C B41N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 794 069 A (FUJI PHOTO FILM CO LTD) 10 September 1997 (1997-09-10) abstract page 3, line 1 - line 56 page 4, line 34 -page 5, line 6 examples 1-8	1-52
A	WO 98 31550 A (AGFA GEVAERT NV) 23 July 1998 (1998-07-23) abstract page 4 -page 8	1-52
A	US 5 950 542 A (HARRIS MARK A ET AL) 14 September 1999 (1999-09-14) abstract figure 1 column 3, line 60 -column 6, line 10 claims 1,2,5,8	1-52
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

24 October 2003

Date of mailing of the international search report

05/11/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 096 476 A (BABA YUZURU ET AL) 1 August 2000 (2000-08-01) abstract column 9, line 28 -column 12, line 36 column 14, line 9 -column 23, line 55 examples 1-20 -----	1-52
A	EP 1 031 413 A (AGFA GEVAERT AG) 30 August 2000 (2000-08-30) abstract paragraph '0015! - paragraph '0025! examples 1-18 -----	1-52

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0794069	A	10-09-1997	JP 9239943 A 16-09-1997
		DE 69707942 D1 13-12-2001	
		DE 69707942 T2 04-04-2002	
		EP 0794069 A2 10-09-1997	
		US 5888696 A 30-03-1999	
WO 9831550	A	23-07-1998	DE 69803545 D1 14-03-2002
		DE 69803545 T2 08-08-2002	
		WO 9831550 A1 23-07-1998	
		EP 0952926 A1 03-11-1999	
		JP 2001508001 T 19-06-2001	
		US 5924364 A 20-07-1999	
US 5950542	A	14-09-1999	EP 0969967 A1 12-01-2000
		WO 9938688 A1 05-08-1999	
		US 6085655 A 11-07-2000	
US 6096476	A	01-08-2000	JP 9131976 A 20-05-1997
		JP 9131977 A 20-05-1997	
		JP 9131978 A 20-05-1997	
		JP 9131979 A 20-05-1997	
		JP 9131980 A 20-05-1997	
		JP 9131981 A 20-05-1997	
		JP 9150589 A 10-06-1997	
		JP 10039497 A 13-02-1998	
		AU 7507196 A 29-05-1997	
		CA 2209831 A1 15-05-1997	
		CN 1177947 A ,B 01-04-1998	
		DE 69620867 D1 29-05-2002	
		DE 69620867 T2 28-11-2002	
		EP 0802067 A1 22-10-1997	
		WO 9717208 A1 15-05-1997	
EP 1031413	A	30-08-2000	DE 19908528 A1 31-08-2000
		EP 1031413 A2 30-08-2000	
		JP 2000250202 A 14-09-2000	
		US 6576399 B1 10-06-2003	

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